



**2019**

# **Research Award Recipients**

**March 2, 2019  
Annual Meeting  
Washington, DC**

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**Charles and Daneen Stiefel Scholar Award in Skin Cancer**

**Brian C. Capell, M.D., Ph.D.**

*University of Pennsylvania*

Restoring Epigenomic Histone Methylation Dynamics for the Treatment of Keratinocyte Carcinomas

**Todd W. Ridky, M.D., Ph.D. – Year 2**

*University of Pennsylvania*

Inhibiting Melanoma Via a Novel and Druggable GPCR Pathway

**Sun Pharma Research Award**

**Elizabeth A. Grice, Ph.D.**

*University of Pennsylvania Hospital*

Harnessing the Commensal Skin Microbiota to Modulate Inflammation and Barrier Function

**Public Health Career Development Award**

**Adewole S. Adamson, M.D.**

*University of Texas, Austin - Dell Medical School*

Optimizing Care Delivery and Health Equity in Patients With Melanoma

**Arianne S. Kourosh, M.D., M.P.H. – Year 3**

*Massachusetts General Hospital*

Avatoras: A Telehealth Innovation to Address Access and Compliance Barriers for Chronic Skin Disease

**Lynn M. Petukhova, Ph.D.**

*Columbia University*

Neuropsychiatric and Metabolic Comorbidities in Patients With Autoimmune Diseases of the Skin

**Aaron M. Secrest, M.D., Ph.D., M.P.H. – Year 2**

*University of Utah*

Clinical Utility of Patient-Reported Outcomes in Dermatology

**Mackenzie Wehner, M.D.**

*University of Pennsylvania Hospital*

Risk of Skin Cancer After Actinic Keratosis

### **Clinical Career Development Award in Dermatologic Surgery**

**Jeremy R. Etzkorn, M.D. – Year 3**

*University of Pennsylvania Hospital*

Coherent Anti-Stokes Raman Spectroscopy for Basal Cell Carcinoma  
Diagnosis and Surgical Management

**Mary L. Stevenson, M.D. – Year 2**

*NYU Medical Center*

Identification of Novel Risk Factors and Biomarkers for Poor Outcomes in  
Squamous Cell Carcinoma

**Abigail Waldman, M.D., M.H.S. – Year 2**

*Brigham and Women's Hospital*

Skin Cancer Life Impact and Functional Evaluation (LIFE)

### **Physician Scientist Career Development Award**

**David Y. Chen, M.D., Ph.D. – Year 2**

*Washington University Medical Center*

Epigenetic Regulation of Skin Homeostasis and Tumorigenesis

**William E. Damsky, M.D., Ph.D. – Year 2**

*Yale University School of Medicine*

Elucidating and Overcoming Mechanisms of Immunotherapy Resistance  
in Melanoma

**Marlys S. Fassett, M.D., Ph.D. – Year 3**

*University of California, San Francisco*

IL-31: Coupling Itch and Rash in Atopic Dermatitis

**Jennifer G. Gill, M.D, Ph.D. – Year 3**

*Southwestern Med. School Univ. of Texas*

Transcriptional and Metabolic Adaptations of Melanoma Metastases

**Allen W. Ho, M.D., Ph.D. – Year 2**

*Brigham and Women's Hospital*

Mechanisms of Immune Tolerance to Apoptotic Cells and Its Role in  
Cutaneous Autoimmunity

**Cory L. Simpson, M.D., Ph.D. – Year 3**

*University of Pennsylvania Hospital*

Mechanism of Selective Autophagy in Epidermal Differentiation and  
Homeostasis

**Physician Scientist Career Development Award (cont.)**

**Matthew D. Vesely, M.D., Ph.D.**

*Yale University School of Medicine*

Stimulating Immune Inhibitory Receptors for the Treatment of Cutaneous Lupus

**Sarah Whitley, M.D., Ph.D.**

*University of Pittsburgh*

IL-23 Regulates Cutaneous Resident Memory T Cell Development and Maintenance

**Science of Human Appearance Career Development Award**

**Donna M. Brennan-Crispi, Ph.D.**

*University of Pennsylvania Hospital*

Roles and Modulation of WNT-FZD Signaling in Hair

**Medical Dermatology Career Development Award**

**Zelma C. Chiesa-Fuxench, M.D. – Year 3**

*University of Pennsylvania Hospital*

Atopic Dermatitis: Expanding Our Understanding of Complex Disease in the Hispanic Population

**Albert Chiou, M.D.**

*Stanford Univ. School of Medicine*

Collagen VII Corrected Skin Grafts for Recessive Dystrophic Epidermolysis Bullosa

**Benjamin H. Kaffenberger, M.D. – Year 2**

*Ohio State University Medical Center*

Prospective Categorization and Outcome Analysis of Cutaneous Drug Eruptions

**Shawn G. Kwatra, M.D.**

*Johns Hopkins Medical Institutions*

Racial Differences in Biomarkers and Therapeutic Targets for Chronic Itch

**Cecilia Larocca, M.D. – Year 2**

*Brigham and Women's Hospital*

An Implantable Microdevice for Candidate in Situ Drug Sensitivity Testing in Mycosis Fungoides

### **Medical Dermatology Career Development Award (Cont.)**

**Hadar Lev-Tov, M.D., M.A.S. – Year 3**

*University of Miami*

Understanding First Venous Leg Ulcers in People with Venous Insufficiency

**Alina Markova, M.D. – Year 3**

*Cornell University*

Epidemiology and Mechanisms of Dermatologic Disease in Hospitalized Patients with Cancer

**Xiaolong Zhou, M.D., M.Sc. – Year 2**

*Northwestern University*

Characterization of the Skin Microbiome in Cutaneous T Cell Lymphoma

### **Women's Health Career Development Award**

**James Chen, Ph.D.**

*Columbia University*

Computational Modeling of Sexually Dimorphic Molecular Pathologies in Hair and Skin Development

**Alicia Little, M.D., Ph.D.**

*Yale University School of Medicine*

Role of T Follicular Helper (Tfh) Cells in Chronic Cutaneous Lupus Erythematosus

**Ian D. Odell, M.D., Ph.D. – Year 3**

*Yale University School of Medicine*

Functional Analysis of Dendritic Cells and Development of a Humanized Mouse Model of Scleroderma

**Jillian M. Richmond, Ph.D. – Year 2**

*University of Massachusetts*

Targeting the CXCR3 Chemokine Axis in Cutaneous Lupus

### **Research Career Development Award**

**Ryan P. Hobbs, Ph.D. – Year 2**

*Pennsylvania State University*

Cellular and Molecular Roles for Autoimmune Regulator in Early Skin Tumorigenesis

### **Research Career Development Award (Cont.)**

**Juan-Manuel Leyva-Castillo, Ph.D.**

*Harvard University*

Role of PAX5 in Skin-Derived Dendritic Cells During the Development of Allergic Skin Inflammation

**Haiyun Liu, Ph.D.**

*Johns Hopkins Medical Institutions*

The Role of Keratinocytes in Regulating IgE Production in Atopic Dermatitis

**Gatien Moriceau, Ph.D. – Year 3**

*University of California, Los Angeles*

Exploiting Mechanisms of Drug Addiction to Suppress MAPKi Resistance in Melanoma

**Bahram Razani, M.D., Ph.D. – Year 2**

*University of California, San Francisco*

A20 Restricts Psoriatic Inflammation

### **Dermatopathology Research Career Development Award**

**Matthew S. Goldberg, M.D. – Year 2**

*Mount Sinai Medical Center*

Melanoma Epigenetics and the Functional Role of MacroH2A in Melanoma Progression

**Randie Hee Kim, M.D.**

*NYU Medical Center*

Using Artificial Intelligence to Improve Prognosis of Intermediate Thickness Melanomas

**Maija Kiuru, M.D., Ph.D. – Year 3**

*University of California, Davis Medical Center*

Molecular Basis of Inherited and Sporadic Melanocytic Nevi

**Ursula E. Lang, MD, PhD**

*University of California, San Francisco*

Investigating the Role of Primary Cilia in Melanocytes and Melanomagenesis

### **Pediatric Dermatology Career Development Award**

**Leslie A. Castelo-Soccio, M.D., Ph.D. – Year 3**

*University of Pennsylvania Hospital*  
Genetics and Imaging of Pediatric Hair Disorders

**Elena B. Hawryluk, M.D., Ph.D. – Year 2**

*Massachusetts General Hospital*  
Atypical Pediatric Pigmented Lesions

**JiaDe Yu, M.D.**

*Massachusetts General Hospital*  
Creation of Prospective Pediatric Allergic Contact Dermatitis Registry

### **Dermatologist Investigator Research Fellowship**

**Allison Billi, M.D., Ph.D.**

*University of Michigan*  
Exploring the Conserved Factor VGLL3 as a Driver of Fibrosis in Female Sex-Biased Autoimmune Disease

**Jason M. Meyer, M.D., Ph.D.**

*University of California, San Francisco*  
Pathogenesis -Directed Therapy of Ichthyoses With Defects in Magnesium and Fatty Acid Metabolism

**Timothy H. Schmidt, M.D., Ph.D.**

*University of California, San Francisco*  
Elucidating the fundamental Metabolic Pathways Utilized by Human Tissue Tregs in Health & Disease

### **Research Grant**

**Michael S. Garshick, M.D.**

*NYU Medical Center*  
Inflammasome Signaling and Impaired Vascular Health in Patients with Psoriasis

**Jeffrey D. McBride, M.D., Ph.D**

*University of Miami*  
Variation in Delivery of Extracellular Vesicle-Associated Collagen VII from Stem Cells to EB Cells



**Diversity Research Supplement Award**

**Emily Y. Chu, M.D., Ph.D.**

*University of Pennsylvania Hospital*

Identification and Characterization of Patients with WNT10A Mutations

**Sherrie J. Divito, M.D., Ph.D.**

*Brigham and Women's Hospital*

Immunologic Profiling of Acute Skin GVHD versus Delayed-Type Drug Hypersensitivity Reactions

**Esther E. Freeman, M.D., Ph.D.**

*Massachusetts General Hospital*

Adherence to Chemotherapy for HIV Associated Kaposi's Sarcoma in Kenya

**Adam J. Friedman, M.D.**

*George Washington University*

Targeting p38 Isoforms to Inhibit Growth and Invasion, and to Overcome Therapy Resistance in Human Malignant Squamous Cell Carcinoma

**Aaron Mangold, M.D.**

*Mayo Clinic, Scottsdale*

1. Cutaneous Squamous Cell Carcinoma in Ethnic Minorities
2. Analysis of INPP5A in Squamous Cell Carcinoma

*Mayo Clinic, Scottsdale*

**Haley B. Naik, M.D.**

*University of California, San Francisco*

1. Examining the Hidradenitis Suppurativa Literature Across Medical Specialties
2. Retrospective Comparison of Adalimumab Dosing for Hidradenitis Suppurativa

**Joseph F. Sobanko, M.D.**

*University of Pennsylvania Hospital*

Buddy Relationships in Dermatologic Excisions for Skin Cancer

**Junko Takeshita, M.D., Ph.D.**

*University of Pennsylvania Hospital*

Psoriasis Treatment Patterns in a Commercially Insured Population: Identifying Potential Disparities